

# Coronis 2MP (MDCG-2121)

2 MegaPixel premium diagnostic grayscale display system



Coronis 2MP is a high-grade grayscale display system with a resolution of 1600x1200. The system provides a dedicated imaging solution for PACS, CT, MRI, angiography, ultrasound and orthopedic applications.

**The Coronis 2MP display system includes:**

- A 2 MegaPixel flat panel display
- MediCal QAWeb software for automated calibration and Quality Assurance
- A high-speed, high-performance display controller: check the compatibility matrix

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# Technical specifications

Screen technology	TFT AM LCD Dual Domain IPS
Active screen size (diagonal)	541 mm (21.3")
Active screen size (H x V)	432 x 324 mm (17.0 x 12.8")
Aspect ratio (H:V)	4:3
Resolution	2MP (1600 x 1200)
Pixel pitch	0.2700 mm
Color imaging	No
Gray imaging	Yes
Number of grayscales (LUT in/LUT out)	1024 grey levels (10/12)
Viewing angle (H, V)	170°
Uniform Luminance Technology (ULT)	Yes
Per Pixel Uniformity (PPU)	No
Ambient Light Compensation (ALC)	Yes
Backlight Output Stabilization (BLOS)	Yes
I-Guard	Yes
Maximum luminance	1650 cd/m <sup>2</sup>
DICOM calibrated luminance (ULT off)	500 cd/m <sup>2</sup>
Contrast ratio (ULT off)	850:1
Response time (Tr + Tf)	23 ms
Video input signals	DVI-D Dual Link
USB ports	1 upstream (endpoint), 3 downstream
USB standard	2.0
Power consumption (nominal)	54W
Power save mode	Yes
Dimensions with stand (W x H x D)	Portrait: 369 x 558~658 x 285 mm Landscape: 477 x 504~604 x 285 mm
Dimensions w/o stand (W x H x D)	Portrait: 369 x 477 x 100 mm Landscape: 477 x 369 x 100 mm
Net weight with stand	14.6 kg
Mounting standard	VESA (100 mm)
Screen protection	Protective, non-reflective glass cover
Recommended modalities	CT, MR, US, DR, CR, NM, Film
Certifications	UL 60601-1 1ST EDITION, CAN/CSA-C22.2 NO. 601.1-M90, UL 60950-1 1ST EDITION, CSA C22.2 NO. 60950-1-03 1ST EDITION, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1ST EDITION, CE - 89/336/EEC, CE - 93/42/EEC, DEMKO - EN 60601-1, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, KCC, VCCI, FCC class B, FDA 510K, RoHS
Supplied accessories	Getting Started Guide Quick-Installation Sheet Video cable (DVI Dual Link) Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) USB 2.0 cable External power supply
Optional accessories	Barco Diagnostic Medical LCD Display Dual Head Stand
QA software	MediCal QAWeb
Warranty	5 years